

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kazutoshi SUGIYAMA et al. Art Unit:
Application No.: filed concurrently Examiner:
Filed : October 27, 2003
Title : PHOTOELECTRIC SWITCH DEVICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to their duty of good faith and candor as set forth in 37 CFR 1.56(a), applicants request that the references cited on attached form PTO-1449 (a copy of which is enclosed) be considered by the Examiner in connection with this application.

Enclosed also please find a copy of the European Search Report citing this references. The relevance of these references can be seen from the European Search Report. The English abstracts for the references are also enclosed.

Enclosed are also two Submission Statements related to Japanese Patent Application Nos. 2000-7058 and 2000-12417 which were previously submitted to the Japanese Patent Office on February 14, 2002 by a third party. The English translations of these statements are also enclosed.

Please note that enclosed is a copy of European Patent Application No. 0 797 107 which is an English language counterpart for Japanese Patent Publication No. 9-252242.

This Statement is being filed under 37 CFR 1.97(b) prior to the mailing date of a first Office Action on the merits.

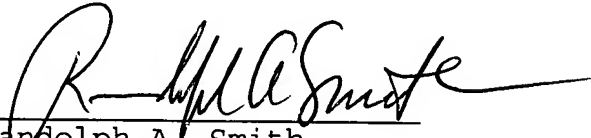
It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Information Disclosure Statement
Application No. filed concurrently
Page 2

Applicants' undersigned attorney may be reached at the telephone number listed below. All correspondence should continue to be directed to our address below.

Respectfully submitted,

Date: October 27, 2003


Randolph A. Smith
Reg. No. 32,548

SMITH PATENT OFFICE
1901 Pennsylvania Ave., N.W.
Suite 200
Washington, DC 20006-3433
Telephone: 202/530-5900
Facsimile: 202/530-5902
Sugiyama102703

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	Filed concurrently
Filing Date	October 27, 2003
Applicants	Kazutoshi SUGIYAMA et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	0033/007003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	DOCUMENT NUMBER	Kind Code ² (if known)	NAME	DATE MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,021,665		HAAS et al.	05/1977	
		4,282,430		HATTEN et al.	08/1981	
		5,255,301		NAKAMURA et al.	10/1993	
		5,281,810		FOOKS et al.	01/1994	
		5,336,882		FOOKS et al.	08/1994	
		5,347,117		FOOKS et al.	09/1994	
		5,712,477		DELANEY, III et al.	01/1998	
		5,808,296		MCMONAGLE et al.	09/1998	
		6,157,040		BAUER	12/2000	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Foreign Patent Document			NAME	DATE MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		JP	56-114780	A	YOSHIMURA et al.	09/1981		Abstract
		DE	297 07 451	U	SICK AG	08/1997		
		JP	9-252242	A	NISHIDE	09/1997		Abstract
		EP	0 797 107	A	NISHIDE	09/1997		
		JP	11-126549	A	SUGIYAMA	05/1999		Abstract

EXAMINER

DATE CONSIDERED

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	Filed concurrently
Filing Date	October 27, 2003
Applicants	Kazutoshi SUGIYAMA et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	0033/007003

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		"E3S-A/B", Best Control INSTs 14 th Edition, July 1998, pages 118-149, No. SA00-005, Omron Corporation, Tokyo, Japan.	X
		"E3X-DA-N Series", OMRON, November 1999, pages 4-39, No. SCEA-137, Omron Corporation, Tokyo, Japan.	X
		TOSHITAKA NAKAJIMA, "Laser Range Finder DME Series", Factory Automation - Automatization and Labor-Saving of Factories, October 1, 1996, pages 48-51, Vol. 14, No. 10, Japan Kogyo Publisher, Tokyo, Japan.	X

DATE CONSIDERED

EXAMINER

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.